



NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

SDMS Document



117651

Environmental Site Remediation Database Search Details

Site Record

Administrative Information

Site Name: Suffolk County Airport Training Area

Site Code: 152122

Program: State Superfund Program

Classification: C

EPA ID Number: NYD986866432

Location

DEC Region: 1

Address: Old Riverhead Road

City: Southampton **Zip:** 11968

County: Suffolk

Latitude: 40:50:35 **Longitude:** 72:38:00

Site Type:

Estimated Size: Acres

Institutional And Engineering Controls

No Controls Currently at the Site

Site Owner(s)

Current Owner Name: Aviation Div., Dept of Public Works

Current Owner(s) Address: SUFFOLK CO. AIRPORT
WESTHAMPTON BEACH, NY 11978

Owner(s) during disposal: SUFFOLK COUNTY

Operator during disposal: Aviation Div., Dept of Public Works

Stated Operator(s) Address: SUFFOLK CO. AIRPORT
WESTHAMPTON BEACH, NY 11978

Site Description:

The site is an inactive fire training area adjacent to the Suffolk Co. Airport runway. Flammable materials, such as 2-butanone were collected from various base activities, and used as fuel for training exercises. Waste material was introduced to soil and groundwater by spillage. In 1987 and 1989, a Federal sampling program called for the decontamination fluid, methyl hydrate, to be dumped on the ground as outlined in the work plan. The resulting groundwater samples

indicated high levels of ethanol, 2-butanone, and ethyl acetate, all constituents of methyl hydrate. However, subsequent groundwater sampling by the Suffolk County Health Department indicated minimal contamination at the site and no contamination in the down gradient well. This resulted in the site's delisting from the Registry. Possible soil gas issues for the site have included it on the legacy list. The Air Force has completed additional groundwater monitoring in 2004 for this site in conjunction with sampling efforts for the Suffolk County Air National Guard site Remedial Investigation. These groundwater results were submitted to the NYSDOH and the NCDHS to provide additional data for use in completing the vapor intrusion evaluation.

Material Disposed of at Site and Quantity:

Type of Waste Quantity of Waste	
WASTE OILS	UNKNOWN
SOLVENTS	UNKNOWN
JET FUELS	UNKNOWN
2-BUTANONE	UNKNOWN

Assessment of Environmental Problems:

There are no known environmental problems associated with the disposal of hazardous waste.

Assessment of Health Problems:

In on-site monitoring wells levels of 2-butanone (MEK) were detected in both upgradient and downgradient wells at very high levels. The spacial distribution of the MEK plume did not make sense and split samples were found to differ up to three orders of magnitude. A study was initiate to address these issues and found that the MEK in the monitoring wells had come from the decontamination fluid use in the previous studies. The amount of contaminated fluid used in the previous studies was not sufficient enough to pose a threat to the aquifer being used as a drinking water source. The threat to public health was determined to be minimal and the site was delisted.